

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

20988 7590 09/24/2004

OGILVY RENAULT
1981 MCGILL COLLEGE AVENUE
SUITE 1600
MONTREAL, QC H3A2Y3
CANADA

11/29/2004 MGBREM2 00000015 09501517

01 FC:1501 1370.00 DA

02 FC:0001 5.00 DA

| | | | | |
|-----------------|-------------|------------------------|---------------------|------------------|
| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
| 09/501,517 | 02/09/2000 | Peter J. Ashwood Smith | 9-13528-95US | 3968 |



Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)

(Signature)

(D)

TITLE OF INVENTION: METHOD AND SYSTEM FOR OPTICAL ROUTING OF VARIABLE-LENGTH PACKET DATA

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1330 | \$0 | \$1330 | 12/27/2004 |

| EXAMINER | ART UNIT | CLASS-SUBCLASS |
|--------------------|----------|----------------|
| STEVENS, ROBERTA A | 2665 | 370-235000 |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/12Z attached).

"Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Kent Daniels

2 Ogilvy Renault

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

NORTEL NETWORKS LIMITED

ST. LAURENT, QUEBEC, CANADA

Please check the appropriate assignee category or categories (will not be printed on the patent): Individual Corporation or other private group entity Government

4a. The following fee(s) are enclosed:

 Issue Fee

4b. Payment of Fee(s):

 A check in the amount of the fee(s) is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. Advance Order - # of Copies _____ The Director is hereby authorized to charge the required fee(s), or credit any overpayment Deposit Account Number 19-3113 (enclose an extra copy of this form).

5. Change In Entity Status (from status indicated above)

 a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(e)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent; or the assignee or other party

interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

November 29, 2004

Date

Typed or printed name

Matthew M. Roy

48,074

Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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NOV 29 2004

PTO/SB/17 (10-04v2)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,376)

Complete if Known

| | |
|----------------------|------------------------|
| Application Number | 09/501,517 |
| Filing Date | February 9, 2000 |
| First Named Inventor | Peter J. ASHWOOD SMITH |
| Examiner Name | Roberta A. Stevens |
| Art Unit | 2665 |
| Attorney Docket No. | 9-13528-95US |

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit Account:

Deposit Account Number 19-5113
Deposit Account Name Ogilvy Renault

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION (continued)

1. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|------------------------|----------|
| 1001 790 | 2001 395 | Utility filing fee | |
| 1002 350 | 2002 175 | Design filing fee | |
| 1003 550 | 2003 275 | Plant filing fee | |
| 1004 790 | 2004 395 | Reissue filing fee | |
| 1005 160 | 2005 80 | Provisional filing fee | |
| SUBTOTAL (1) (\$) | | | 0 |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Total Claims | Independent Claims | Multiple Dependent | Extra Claims Fee from below | Fee Paid |
|--------------|--------------------|--------------------|--------------------------------|----------|
| | | | -20** = | X = |
| | | | - 3** = | X = |
| | | | | |

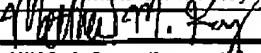
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|--|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 88 | 2201 44 | Independent claims in excess of 3 |
| 1203 300 | 2203 150 | Multiple dependent claim, if not paid |
| 1204 88 | 2204 44 | ** Reissue Independent claims over original patent |
| 1205 18 | 2205 9 | ** Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | 0 |

** or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|----------------------------------|--------------|--|----------|
| 1051 130 | 2051 65 | Surcharge - late filing fee or oath | |
| 1052 50 | 2052 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 130 | 1053 130 | Non-English specification | |
| 1812 2,520 | 1812 2,520 | For filing a request for ex parte reexamination | |
| 1804 920* | 1804 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 1,840* | 1805 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 110 | 2251 55 | Extension for reply within first month | |
| 1252 430 | 2252 215 | Extension for reply within second month | |
| 1253 980 | 2253 490 | Extension for reply within third month | |
| 1254 1,530 | 2254 785 | Extension for reply within fourth month | |
| 1255 2,080 | 2255 1,040 | Extension for reply within fifth month | |
| 1401 340 | 2401 170 | Notice of Appeal | |
| 1402 340 | 2402 170 | Filing a brief in support of an appeal | |
| 1403 300 | 2403 150 | Request for oral hearing | |
| 1451 1,510 | 1451 1,510 | Petition to institute a public use proceeding | |
| 1452 110 | 2452 55 | Petition to revive - unavoidable | |
| 1453 1,370 | 2453 686 | Petition to revive - unintentional | |
| 1501 1,370 | 2501 685 | Utility issue fee (or reissue) | 1370 |
| 1502 490 | 2502 245 | Design issue fee | |
| 1503 660 | 2503 330 | Plant issue fee | |
| 1460 130 | 1460 130 | Petitions to the Commissioner | |
| 1807 50 | 1807 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 180 | 1806 180 | Submission of Information Disclosure Stmt | |
| 8021 40 | 8021 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 790 | 2809 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 790 | 2810 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 780 | 2801 395 | Request for Continued Examination (RCE) | |
| 1802 900 | 1802 900 | Request for expedited examination or a design application | |
| Other fee (specify) | | Code 8001 - 2 printed copies of issued patent | 6 |
| Reduced by Basic Filing Fee Paid | | SUBTOTAL (3) (\$) | 1,376 |

(Complete if applicable)

| Name (Print/Type) | Matthew McRoy | Registration No. (Attorney/Agent) | 48,074 | Telephone | 613-780-8659 |
|-------------------|---|-----------------------------------|-------------------|-----------|--------------|
| Signature |  | Date | November 29, 2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



**OGILVY
RENAULT**

Facsimile

Our Ref. 9-13528-95US MMR/sw

Confidentiality Message

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Number of pages including cover letter:

8

Date: November 29, 2004

From: Matthew M. Roy

Telephone: (613) 780-8659

E-mail: matroy@ogilvyrenault.com

| To | Company | City | Fax |
|--|--|----------------|----------------|
| MAIL STOP ISSUE FEE Examiner: Roberta A. Stevens Art Unit: 2665 | United States Patent Office – Facsimile Centre | Alexandria, VA | (703) 746-4000 |

DUE DATE: DECEMBER 24, 2004

Re: United States Patent Application No. 09/501,517
 Title: **METHOD AND SYSTEM FOR OPTICAL ROUTING
OF VARIABLE-LENGTH PACKET DATA**
 Inventor: Peter J. ASHWOOD-SMITH
 Applicant: Nortel Networks Limited

In response to the Notice of Allowance dated September 24, 2004, attached hereto is the issue fee payment together with related documentation.

Shirley Wise
 Assistant to Matthew M. Roy
 Ogilvy Renault
 Tel. (613) 780-8680
 Fax (613) 230-6706
swise@ogilvyrenault.com

Barristers and Solicitors
 Patent and Trade-Mark Agents

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 Suite 1600
 Ottawa, Ontario
 Canada K1P 1A4

Telephone (613) 780-8661
 Fax (613) 230-6706
ogilvyrenault.com

Continuing the practices of
 Melglen Demers
 Ogilvy Renault
 Swaby Ogilvy Renault



PTO/SB/21 (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| | |
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| TRANSMITTAL FORM | |
| (to be used for all correspondence after initial filing) | |
| Total Number of Pages in This Submission | 7 |
| Application Number | |
| 09/501,517 | |
| Filing Date | |
| February 9, 2000 | |
| First Named Inventor | |
| Peter J. ASHWOOD SMITH | |
| Art Unit | |
| 2665 | |
| Examiner Name | |
| Roberta A. Stevens | |
| Attorney Docket Number | |
| 9-13528-95US | |

| ENCLOSURES (Check all that apply) | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Change of Correspondence Address | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | Cover letter, Issue Fee Transmittal, "Fee Address" Indication |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|---------------------------------|
| Firm or Individual name | Matthew M. Roy, Reg. No. 48,074 |
| Signature | |
| Date | November 29, 2004 |

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

| | |
|-----------------------|-------------------|
| Typed or printed name | Matthew M. Roy |
| Signature | |
| Date | November 29, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**OGILVY
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125
1179 2004

VIA FACSIMILE: (703) 746-4000

Ottawa, November 26, 2004

Mail Stop ISSUE FEE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
U. S. A.

Sir:

Re: United States Patent Application No. 09/501,517
 Allowed: September 24, 2004
 Title: **METHOD AND SYSTEM FOR OPTICAL ROUTING
OF VARIABLE-LENGTH PACKET DATA**
 Inventor: Peter J. ASHWOOD-SMITH
 Applicant: Nortel Networks Limited
 Our File: 9-13528-95US MMR/sw

In response to the Notice of Allowance dated September 24, 2004, enclosed are the following documents in relation to the above-identified patent application:

1. Transmittal form, PTO/SB/21.
2. Issue Fee Transmittal form.
3. "Fee Address" Indication form.
4. Fee Transmittal form (in duplicate) covering payment of the issue fee (\$1,370.00) and two printed copies of the issued patent (\$6.00).

The Commissioner is hereby authorized to charge the above-noted fees in the amount of \$1,376.00 to our Deposit Account No. 19-5113. The Commissioner is also authorized to charge any additional fees which may be required, or credit any overpayment to our Deposit Account No. 19-5113.

Barristers & Solicitors,
Patent Agents & Trade-mark Agents

Suite 1600
45 O'Connor Street
Ottawa, Ontario K1P 1A4
Canada

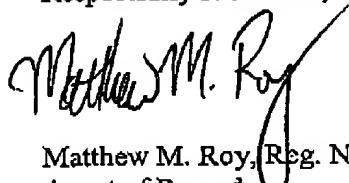
Telephone (613) 780-8661
Fax (613) 230-5459

ogilvyrenault.com

**OGILVY
RENAULT**

Please also note that the name change document from Nortel Networks Corporation to NORTEL NETWORKS LIMITED was recorded in the USPTO on August 30, 2000 under Reel 011195, Frame 0706. Please ensure that the patent issues in the name of Nortel Networks Limited.

Respectfully submitted,



Matthew M. Roy, Reg. No. 48,074
Agent of Record

MMR/sw
Encls.